

PLAN

PRECAST NOTES

PRECAST CONCRETE: Precast Box Sections shall meet the appropriate design and inspection requirements of A.S.T.M. Designation C850, Table 2 or C789, Table 2 whichever is critical and the Loading Specifications. The intermediate joints shall be sealed with a mastic compound which shall be provided for approval with the shop detail submittal. The Contractor shall furnish, to the Engineer, detail plans and shop drawings showing the proposed precast layout and all other details for manufacture and delivery of any precast items to be incorporated into the work.


PAYMENT: The 8'-0"x3'-0" and 6'-0"x3'-0" R.C. Boxes shall be bid by Linear Feet measured along € of R.C.B. end to end. Which shall include all labor, material, excavation, backfill, concrete, reinforcing steel, seal course and all other incidentals necessary to complete the work. Quantities shown are for information only.

SEAL COURSE: A Seal Course shall be constructed below the R.C.B. as shown in the Plans. The Seal Course below Precast Sections shall consist of 6" of crushed rock conforming to ASTM C-33, Gradation No. 67, and shall meet the requirements for Portland Cement Concrete Pavement Coarse Aggregate, Section P-501. Cast-in-Place Sections will also require the same seal course as the precast sections.

REINFORCING STEEL: All dimensions relative to reinforcing are to centerline of bars unless otherwise noted. Bar bending and dimensions shall be as shown and noted on the Bar Bending Diagrams. Reinforcing used in the Precast Sections is not required to be epoxy coated. The concrete cover for all reinforcing shall be 1 1/2" minimum unless otherwise noted. A revised bar schedule will be required at shop detail submittal due to shortened box length for precast construction.

Doweling details between pre-cast and cast-in-place ends must be submitted for approval by the Engineer.

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No.	Revision	By	Date
37TH STREET NORTH			
SINGLE 8'X3' PLUS 6'X3' RCB			
STA. 128+45			
GARY JANZEN, P.E.-CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84692			
 PEC PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com			
Designed by	MLB	Job No.	08207
Drawn by	CP	Date	August, 2013
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